



- 63 -

174/308

DECLARATION

We, David Mendel and Vaughn Betz declare that we are citizens of the following countries, respectively, United States of America and Canada, and that we respectively reside and have post office addresses at 857 Russet Drive, Sunnyvale, California 94087, and 233 Riverside Drive, Toronto, Ontario, M6S4A8;

that we verily believe ourselves to be the original, and joint inventors of the invention or discovery in:

SYSTEMS AND METHODS FOR REDUCING STATIC AND TOTAL POWER
CONSUMPTION IN PROGRAMMABLE LOGIC DEVICE ARCHITECTURES

which is described and claimed in the specification attached hereto, and for which a patent is sought;

that we have reviewed and do understand the content of said specification, including the claims, and acknowledge our duty to disclose to the United States Patent and Trademark Office information known by us to be material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56; and

that we do not know and do not believe that this invention or discovery was ever known or used in the United States of America before our invention or discovery thereof, or patented or described in any printed publication in any country before our invention or discovery thereof, or more than one year prior to this application; or in public use or on sale in the United States of America more than one year prior to this application; that this invention or discovery has not been patented or made the subject of an inventor's certificate issued before the date of this application in any country foreign to the United States of America on an application filed by us or our legal representatives or assigns more than twelve months prior to this application; and that no application for patent or inventor's certificate on this

invention or discovery has been filed in any country foreign to the United States of America by us or our legal representatives or assigns.

WHEREFORE, we pray that Letters Patent be granted to us for the invention or discovery described and claimed in the aforementioned specification and claims, and we hereby subscribe my name to the aforementioned specification and claims, and declaration.

We declare, further, that we understand the English language and that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and, further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Aug 16, 2004
Date

David Mendel
David Mendel

Date

Vaughn Betz

invention or discovery has been filed in any country foreign to the United States of America by us or our legal representatives or assigns.

WHEREFORE, we pray that Letters Patent be granted to us for the invention or discovery described and claimed in the aforementioned specification and claims, and we hereby subscribe my name to the aforementioned specification and claims, and declaration.

We declare, further, that we understand the English language and that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and, further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Date
Aug. 18, 1964
Date

David Mendel
Vaughn Betz
Vaughn Betz

BEST AVAILABLE COPY



Express Mail Label No.
EV 371749387 US

174/308

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT APPLICATION

Applicants : David Mendel et al.
Application No. : 10/796,502 Confirmation No.: 3014
Filed : March 8, 2004
For : SYSTEMS AND METHODS FOR REDUCING STATIC
AND TOTAL POWER CONSUMPTION IN
PROGRAMMABLE LOGIC DEVICE ARCHITECTURES
Group Art Unit : 2185
Examiner : Not Yet Available

POWER OF ATTORNEY BY ASSIGNEE

Under the provisions of 37 C.F.R. § 3.71, the undersigned assignee of record, by virtue of an assignment submitted concurrently herewith for recording, of the above-identified patent application, hereby elects to conduct the prosecution of the above-identified patent application to the exclusion of the inventor. The assignee hereby grants and appoints Derek E. Minihane, Reg. No. 39,774, Robert R. Jackson, Reg. No. 26,183, Jeffrey H. Ingerman, Reg. No. 31,069, and Joel Weiss, Reg. No. 44,398, its attorneys, with power of substitution, and with power of appointment of associate attorneys, and of revocation of their powers, to prosecute this application and any divisions, continuations in whole or in part, renewals and reissues of the same, and to transact all business in the Patent and Trademark Office connected therewith;

BEST AVAILABLE COPY

and assignee requests that communications be sent
to:

Joel Weiss
c/o Fish & Neave
1251 Avenue of the Americas
New York, New York 10020-1105

and that telephone calls be directed to:

Joel Weiss
(212) 596-9000.


Pursuant to 37 C.F.R. § 3.73(b), the undersigned
hereby certifies that the evidentiary documents have been
reviewed and, to the best of assignee's knowledge and
belief, title is in assignee.

The undersigned hereby declares that all
statements made herein of my own knowledge are true and that
all statements made on information and belief are believed
to be true; and further that these statements were made with
the knowledge that willful false statements and the like so
made are punishable by fine or imprisonment, or both, under
Section 1001 of Title 18 of the United States Code and that
such willful false statements may jeopardize the validity of
the application or any patent issued thereon.

ALTERA CORPORATION
ASSIGNEE

8/19/04
Date

By:


Derek E. Minihane
Director, Intellectual
Property Law
and Assistant Secretary

BEST AVAILABLE COPY



Express Mail Label No.
EV 371749387 US

174/308

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT APPLICATION

Applicants : David Mendel et al.
Application No. : 10/796,502 Confirmation No.: 3014
Filed : March 8, 2004
For : SYSTEMS AND METHODS FOR REDUCING STATIC
AND TOTAL POWER CONSUMPTION IN
PROGRAMMABLE LOGIC DEVICE ARCHITECTURES
Group Art Unit : 2185
Examiner : Not Yet Available

POWER OF ATTORNEY BY ASSIGNEE

Under the provisions of 37 C.F.R. § 3.71, the undersigned assignee of record, by virtue of an assignment submitted concurrently herewith for recording, of the above-identified patent application, hereby elects to conduct the prosecution of the above-identified patent application to the exclusion of the inventor. The assignee hereby grants and appoints Derek E. Minihane, Reg. No. 39,774, Robert R. Jackson, Reg. No. 26,183, Jeffrey H. Ingerman, Reg. No. 31,069, and Joel Weiss, Reg. No. 44,398, its attorneys, with power of substitution, and with power of appointment of associate attorneys, and of revocation of their powers, to prosecute this application and any divisions, continuations in whole or in part, renewals and reissues of the same, and to transact all business in the Patent and Trademark Office connected therewith;

BEST AVAILABLE COPY

and assignee requests that communications be sent
to:

Joel Weiss
c/o Fish & Neave
1251 Avenue of the Americas
New York, New York 10020-1105

and that telephone calls be directed to:

Joel Weiss
(212) 596-9000.

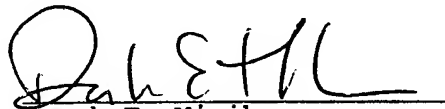
Pursuant to 37 C.F.R. § 3.73(b), the undersigned
hereby certifies that the evidentiary documents have been
reviewed and, to the best of assignee's knowledge and
belief, title is in assignee.

The undersigned hereby declares that all
statements made herein of my own knowledge are true and that
all statements made on information and belief are believed
to be true; and further that these statements were made with
the knowledge that willful false statements and the like so
made are punishable by fine or imprisonment, or both, under
Section 1001 of Title 18 of the United States Code and that
such willful false statements may jeopardize the validity of
the application or any patent issued thereon.

ALTERA CORPORATION
ASSIGNEE

8/19/04
Date

By:


Derek E. Minihane
Director, Intellectual
Property Law
and Assistant Secretary

BEST AVAILABLE COPY